CLAIMS ONLY

SERIAL NO. FILING DATE

19812466

APPLICANT(S)

| CI | ΑI | М | S |
|----|----|---|---|

| | AS F | ILED | AF 1st AME | TER NDMENT | AFTER 2nd AMENDMENT | |
|---------------|------|--------------|---------------|---------------|---------------------|--------------|
| | IND. | OEP. | IND. | DEP. | IND. | DEP. |
| 1 | 7 | | | | | |
| 2 | | ı | | | | |
| 3 | | 1 | | | | |
| 4 | | 1 | | | | |
| 5 | | 1 | | | | |
| 6 | | ı | | | | |
| 7 | | i | | | | |
| 8 | | | | | | |
| 9 | | 1 | | ļ., . | | |
| 10 | | | | | | |
| 11 | | - 1 | | | | |
| 12 | | 1 | | | | <u> </u> |
| 13 | | 1 | | | | |
| 14 | | 1 | | <u> </u> | | |
| 15 | | | | ļ | ļ | <u> </u> |
| 16 | | ! | | ļ | | <u> </u> |
| 17 | | 1 | | ļ. <u>-</u> | | <u> </u> |
| 18 | | 1 | | | ļ | ļ |
| 19 | | 1 | | ļ | ļ | <u> </u> |
| 20 | | Li | | ļ | | ļ |
| 21 | | | | ļ | | |
| 22 | | | | | | |
| 23 | | | | ļ | | 1 |
| 24 | | | | ļ | | |
| 25 | | | | | <u> </u> | ļ |
| 26 | | | | ļ | | |
| 27 | | | , | <u></u> | ļ | |
| 28 | | | | - | ļ | |
| 29 | | | | ļ | ļ | <u> </u> |
| 30 | | | | <u> </u> | ļ | ļ |
| 31 | | | | | <u> </u> | <u> </u> |
| 32 | | | | | <u> </u> | ļ |
| 33 | | | | | | |
| 34 | | ļ | ļ | <u> </u> | <u> </u> | - |
| 35 | | ļ | ļ | <u> </u> | | + |
| 36 | | ļ | | | 1 | - |
| 37 | | | <u> </u> | | | |
| 38 | | | | | - | - |
| 39 | | <u> </u> | | ┼ | - | |
| 40 | | 1 | | _ | 1 | |
| 41 | | | | <u> </u> | 1 | + |
| | | | | | | |
| 43 | | | | 1 | + | - |
| 44 | | - | - | | | |
| 45 46 | | | | + | + | - |
| 46 | | | | + | + | 1- |
| 48 | | | | + | + | + |
| | | | | + | + | + |
| 49 | | | | | - | + |
| 50 TOTAL | 47: | - | <u> </u> | + | 1 | + |
| IND. | 3 | | | J • | | J↓↓ |
| TOTAL DEP. | 18 | - | | - | | - |
| | 紅 | 104 | | 34.4.3 | | 4548 |

| IND. DEP. | | I * | | [*] | | * | | |
|--|---------------|--|---|---------------|--|------------------|--|--|
| 51 | | | , | | | | | |
| 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 76 77 76 77 76 79 80 81 82 83 84 85 86 87 88 89 99 90 91 92 93 94 95 96 99 99 99 99 99 99 | 51 | IND. | DEP. | IND. | DEP. | IND. | DEP. | |
| 53 54 55 56 57 58 59 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 76 77 76 77 76 77 76 79 80 81 82 83 84 85 86 86 87 88 89 99 90 91 92 93 94 95 96 99 99 99 99 99 99 | | ļ | | | \vdash | | | |
| 54 55 56 57 58 59 60 61 62 63 64 65 66 66 67 68 69 70 71 72 73 74 75 76 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 99 100 Total, Index I | | ├ | + | | | | | |
| 55 56 57 58 59 60 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 77 77 77 77 77 | | | ├ - | | | | | |
| 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 76 77 76 77 77 | | ┼ | + | | | | | |
| 57 58 59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 77 78 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 94 95 96 97 98 99 100 Total T | | | + + | | | ' - | | |
| 58 59 60 61 62 63 64 65 66 66 67 68 69 70 71 72 73 74 75 76 77 77 78 78 88 89 90 91 92 93 89 99 100 TOTAL OEF. | | 1 | + 1 | | | | | |
| 59 60 61 62 63 64 65 66 66 67 68 69 70 71 72 73 74 75 76 77 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL OFF | | ├ | + | | | | | |
| 60 61 61 62 63 64 65 66 66 67 67 68 68 69 70 70 71 71 72 73 74 75 76 77 77 77 78 78 80 81 82 83 84 85 86 87 88 88 89 90 91 91 92 93 94 95 96 97 98 89 99 1000 TOTAL IND. | | | + | | | | \vdash | |
| 61 | | $\vdash \vdash$ | + + | | | | | |
| 62 63 64 64 65 66 66 67 68 68 69 70 70 71 71 72 73 74 75 76 77 77 77 78 78 80 81 82 83 84 85 86 87 88 89 99 90 91 91 92 93 94 95 96 97 98 99 99 1000 TOTAL IND. TOTAL DEP. | | | + + | _ | | | | |
| 63 64 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 76 77 78 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 99 100 100 1071AL IND. TOTAL IND. TOTAL IDEP | | + | + | | | | <u></u> | |
| 64 | | | 1 | | | | | |
| 65 | | | + | | 1 1 | | | |
| 66 67 68 68 69 70 70 71 71 72 73 74 75 76 77 76 77 76 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 9 100 TOTAL IND. TOTAL | _ | | | | † † | | | |
| 67 68 69 70 71 72 73 74 75 76 77 76 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. IND. IND. IND. IND. IND. IND. IND. | | | 1 | | 1 | | | |
| 68 69 | | | 1 | <u> </u> | | | <u> </u> | |
| 69 70 71 72 73 74 75 76 77 76 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL IND. TOTAL IND. | | † | 1 | _ | | | | |
| 70 71 72 73 74 75 76 77 76 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL IND. TOTAL TOEP. | | | | | | | | |
| 71 72 73 74 75 76 77 76 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL IND. TOTAL TOEP. | | <u> </u> | | | | | | |
| 72 73 74 75 76 77 76 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL IND. | 71 | | † <u> </u> | $\overline{}$ | | | | |
| 73 74 75 76 77 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL IND. TOTAL TOEP. | | | † | | | | | |
| 74 75 76 77 76 77 78 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL IND. TOTAL IND. | | | | | | | | |
| 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | † | | | | | | |
| 77 | 75 | 1 | | Γ | T | | | |
| 76 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 90 100 TOTAL IND. TOTAL DEP. | 76 | | | Γ | | | | |
| 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | 77 | T | | | | | | |
| 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | <u>78</u> | i | L | <u> </u> | Ī | | Ĺ | |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | 79 | | | | <u> </u> | <u> </u> | <u> </u> | |
| 82 83 84 84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | $\overline{}$ | Τ | T | | <u> </u> | | | |
| 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | | Τ | | <u> </u> | | | |
| 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | <u> </u> | <u> </u> | | 1 | | | |
| 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | \mathbf{L}_{-} | | | 1 | | <u> </u> | |
| 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 91 100 TOTAL IND. TOTAL DEP. | | | <u> </u> | | | <u> </u> | <u> </u> | |
| 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | | <u> </u> | L | | <u> </u> | | |
| 88 89 90 90 91 92 93 94 95 96 97 98 99 91 100 TOTAL IND. TOTAL DEP. | | | | L | | <u> </u> | <u> </u> | |
| 89 90 91 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | ↓ | | <u> </u> | | <u> </u> | | |
| 90 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | <u> </u> | | ↓ | ـــــــــ | Ļ | ــــــ | |
| 91 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | | | ļ | | <u> </u> | ــــــ | |
| 92 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | + | | | ļ | ↓ | ــــــ | |
| 93 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | | | ↓ | ↓ | | | |
| 94 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | | 4 | <u> </u> | | | 1 | |
| 95 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | _ | | —— | | —— | - | |
| 96 97 98 99 100 TOTAL IND. TOTAL DEP. | | ┼ | | | + | - | - | |
| 97 98 99 100 TOTAL IND. TOTAL DEP. | | | | _ | | | - | |
| 98 99 100 TOTAL IND. TOTAL DEP. | | | | _ | | | | |
| 99 100 TOTAL IND. TOTAL DEP. | | | | | | | | |
| TOTAL IND. | | | | ├ | | - | | |
| TOTAL IND. TOTAL DEP. | | | | ļ | | | | |
| IND. TOTAL DEP. | | — | | — | | | - | |
| DEP. | IND. | | | |] | |] _# | |
| TOTAL | DEP. | | _ | | | | | |
| | TOTAL | | 100 | 1 | | | 0.078 | |

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office